



88366

CLED Agar w/ Andrade Indicator

Part D

Specifications

Appearance (Colour)	Beige with pinkish tint
Appearance (Form)	Free flowing, homogeneous powder
Solubility	36.24 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel
pH (25°C)	7.5 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Clarity)	Greenish blue
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70.0% Colony colour : golden yellow
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70.0% Colony colour : greyish green, mucoid
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70.0% Colony colour : bright pink w/pink halo
Organism	Proteus mirabilis ATCC 25933
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70.0% Colony colour : blue-green
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70.0% Colony colour : greyish green
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good Colony colour : orange - yellow or greenish

Other Information

Applications

For differentiating various microorganisms depending on their colony characteristics.

Composition

Ingredients	gm/lt.
Peptone	4.00
Beef extract (ex. buffalo)	3.00

Agar	15.00
Casein enzymic hydrolysate	4.00
Lactose	10.00
L-Cystine	0.128
Bromothymol Blue	0.02
Andrade indicator	0.10

Directions

1. Add 36.248 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms

Disclaimer

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